

CITY OF SALINA
KEY ITEMS TO BE INCLUDED IN TRAFFIC IMPACT STUDY

1. Introduction and Description of the Development

- Type of land usage (residential multi-family, office, retail, restaurant, etc.)
- Approximate location described using streets and distances
- Area (acres or square feet) or number of units included in development
- Map, aerial photo, or plat
- A description of the cross-section of any streets providing access to the development
- Anticipated completion date

2. Trip Generation and Data Collection

- If using ITE trip rates, give the ITE land usage code
- If not using ITE trip rates, identify how trip generation will be calculated and explain why ITE trip rates are not used
- Estimated ADT, AM peak hour, PM peak hour traffic volumes generated by the development
- Existing traffic volumes on all streets providing access to the development

3. Analysis

- Estimate ADT, AM peak, and PM peak volumes for buildout year on street system before development is finished
- Add traffic generated by development and give totals and percents for ADT, AM peak, and PM peak
- Determine if the local roads have the capacity to carry the projected total traffic volumes
- If the roads do not have enough capacity, determine the necessary improvements that would allow them to carry the projected traffic volumes
- Determine if any intersections will require improvements due to increased traffic from the development. This includes the addition of yield and stop signs, installation of traffic signals, restriping, and geometric improvements such as turning lanes
- If any intersections require improvements or signage, perform a level of service analysis and present intersection figures/diagrams of existing and projected conditions

4. Recommendations and Conclusions

- Summarize the impact of the new development on the local roadway network
- Summarize any recommended traffic control improvements